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AUG 4 1923

THE MOST WONDERFULLY PROLIFIC OF ALL BEANS

AND AN ORNAMENTAL VINE COMBINED IN

THE WILLOW LEAF LIMA,

THE EARLIEST OF ALL LIMAS,

An Ever-Bearing Variety that Matures its Delicious Beans even in the Far North.

More than 5000 from one was the yield made with the

WILLOW LEAF LIMA

in the hands of Mr. Samuel Cochran, Arlington, Va., who from a single bean planted raised 1729 pods, winning our first prize for the most prolific vine. But many others, North, South, East and West, have

united in pronouncing this the most wonderfully prolific Bean known. This distinct new Lima makes a vine fifteen to twenty feet long, so full of bloom and so loaded with pods throughout the season that it is the

WONDER AND ADMIRATION OF ALL.

It is a native of the Sunny South, but so robust and thrifty that it will grow and yield abundantly even in the short seasons of the North. It matures its luscious beans earlier than any other Lima, and continues to bear abundantly throughout the entire season, making it, in fact,

AN EVERBEARING BEAN,

equally as good for market purposes as for family use, and so productive that

ONLY A FEW POLES ARE NEEDED

to supply a large family with an abundance of these most delicious green beans throughout the summer, while the surplus stock can be dried for winter use.

Think of being able to gather twenty well filled pods of Lima Beans at one grasp; it seems almost impossible, yet it has been done with this variety. Some customers report that they have tried in vain to raise Lima Beans before, but have had no trouble with the WILLOW LEAF, so thrifty do the vines grow, so quickly come into blossom, which in their turn develop into plump pods, well filled with the Lima Beans, which, though small in size, are of the most exquisite flavor.

Besides giving an abundance of these luscious Lima Beans it will be an ornament to your garden, each vine making

A TALL SHAFT OF LUXURIANT FOLIAGE,

covered with bloom. It presents a magnificent appearance with its beautiful, deeply cut foliage, aptly described by its name,—WILLOW LEAF. So handsome is it that many gardeners have pronounced it worthy of growing as an ornamental climbing vine.

IT CREATES A SENSATION

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in every neighborhood where grown, not only on account of its handsome appearance, so entirely different from any other Bean, but also by reason of its enormous productiveness.

For further particulars see colored plate and description in BURPEE'S FARM ANNUAL FOR 1892. Do not omit to make this unique novelty a feature of your garden for 1892.

Per pkt. 15 cts.; 2 pkts. for 25 cts.; or 10 pkts. for \$1.00, by mail postpaid.

THE EIGHT PRIZE VINES OF THE WILLOW LEAF LIMA

bore from 721 pods to 1729 pods each. For report of these prize vines, with full address of growers in the various States, see back of colored plate facing page 24 of BURPEE'S FARM ANNUAL FOR 1892. The testimonials published below are selected from the many letters received, all speaking in highest praise of the WILLOW LEAF LIMA.

"Never Saw Such Beans."

CYRUS B. POLAND, Jonesboro, Ark., Oct. 16th, 1891, writes:—I write to thank you for the WILLOW LEAF LIMA BEANS you sent me for trial last spring. I never saw such beans; they produce more than any other variety I ever planted and will make two crops in this country if planted early. I would not take \$10 for what I raised from the two vines and do without them. The second crop was better than the first and they stand the drought better than any other variety, with the exception of BURPEE'S BUSH LIMA. Your seed always comes up better than any I have ever tried.

Vines Loaded with Pods.

MRS. RACHEL LARRICK, Ava, Ohio, Sept. 26th, 1891, writes:—The WILLOW LEAF LIMA BEAN is a wonder to all who have seen it. The beans were planted May 16, and the vines are now loaded with pods; one vine contains 275 fully matured and ripe pods with a large number of green ones that will probably ripen yet. All these seeds purchased from you have done well. BURPEE'S BUSH LIMA did extra well. From one single plant I took 50 ripe pods with from three to four beans to the pod; there are several green pods on the bush yet.

An Excellent Sort for Market.

CHRISTIAN SCHARNAGEL, Tusculum, Ala., Sept. 27th, 1891, writes:—From my best and most prolific vine of the WILLOW LEAF LIMA BEAN I have gathered 500 ripe pods up to date, and if the weather continue 10 to 12 days longer as it is at present I will get 200 more ripe pods from the same vine. My next best vine had 400 pods on it and is still full of green pods. This variety is an excellent sort for market purposes, also for family use.

Everyone Exclaims, "What is That?"

M. WIELMS, Virgil City, Mo., Aug. 22d, 1891, writes:—I have two vines of the WILLOW LEAF LIMA BEAN, one of which has over 300 pods on it, the vine being at the top of a 15 foot pole, I cannot ascertain the exact number. The WILLOW LEAF LIMA BEAN is all that can be expected. Everyone who sees them exclaims, "What is that?" they being so different from anything they had ever seen.

Never Succeeded Before with Limas.

A. J. SMITH, Trenton, Ark., Sept. 15th, 1891, writes:—I wish to express my thanks for the trial packet of WILLOW LEAF LIMA BEAN which you sent me last spring. It is very nice. As I never had any success raising running Lima beans, I thought I would give up trying, until I got the WILLOW LEAF, which I shall plant from now on. I have two plants that now contain two hundred and sixty-seven pods each, and are still in bloom. There would have been more pods on the vines but for the heavy rain and wind storm that blew the stakes over while in full bloom.

They are Certainly a Curiosity.

MRS. THOMAS MCINTIRE, Elkton, Md., Sept. 26th, 1891, writes:—The 6 WILLOW LEAF LIMA BEANS sent me all came up and have certainly done well; I have picked three pints of seed and there are lots on the vine yet. I had hoped to be able to send a vine in competition for the prizes offered, but some of the beans matured so early they burst and fell on the ground. They are certainly a curiosity, and every one who sees them asks what those queer-looking things are. BURPEE'S BUSH LIMA BEAN also did well, and we have been very much pleased with all the seeds purchased of you.

Greatest of all Beans in Vermont.

W. H. MARSH, Chesham, Vt., Sept. 1st, 1891, writes:—I write you concerning the great WILLOW LEAF LIMA BEANS, and can say that they are the greatest of all beans, although I did not succeed so well on account of our having a hail storm in July, which cut from my 6 hills 306 nice pods. Counting over one of my vines today I find that it contains over 250 pods, all about the same size; I believe that I could take 20 pods at one grasp.

Called the "Trapeze Bean" in Iowa.

S. CRESWELL, Washington, Iowa, Sept. 18th, 1891, writes:—I have counted the pods on my most prolific vine of the WILLOW LEAF LIMA BEAN, and find that it contains six hundred full-grown pods, besides ever so many small pods, of which a good many will mature. I have another vine which has four hundred and six full-grown pods on it. The seed was planted May 16th, and all came up well; none of the plants will measure less than fifteen feet in length, and one of them, which is the fullest, is twenty-five feet long. The neighbors call it the "Trapeze Bean." If it had not been for the birds breaking the top off of this vine twice, I do not know where it would have grown to. It is the wonder, as well as the pride, of the neighborhood, and it is hard work to keep the neighbors from taking just a pod or two for seed.

"Five Times as Prolific."

J. V. THOMAS, E. Cumberland, Tenn., Sept. 21st, 1891, writes:—I have a vine of the WILLOW LEAF LIMA BEAN which contains 555 pods. It has created quite a sensation in this neighborhood and as near as I can judge bears five times as many pods to the plant as any other varieties of Pole Lima Beans.

95 per cent. Ahead of any Other.

N. W. MURPHY, Cedar Junction, Kan., Sept. 26th, 1891, writes:—I had tried a great many kinds of Pole Beans, which were always a failure, so I had little faith in getting any beans from the WILLOW LEAF LIMA. The vines were loaded with pods. I picked three hundred and forty-one ripe pods from one vine, and there were still seventy-two green ones on it, and the vine full of bloom. If we do not have a frost soon I will have another picking. The vines are still as green and fresh as they have been any time during the summer. The WILLOW LEAF LIMA BEAN is ninety-five per cent. ahead of any other Pole Bean I ever saw.

Truly an Everbearing Bean.

FRANK BAUGHMAN, Knoxville, Iowa, Sept. 19th, 1891, writes:—The WILLOW LEAF LIMA BEANS, of which you sent me sample last spring, have done very nicely; the vines still have green pods and blossoms at the top, but at the bottom the pods are matured and bursting open.

Very Ornamental and the Finest Quality of Limas; Wonderfully Productive.

MR. SAM COCHRAN, Arlington, Va., November 20th, 1891, writes:—I received your favor of the 16th inst. with enclosure of check for \$50.00, in payment of the first prize for the most productive vine of the Willow Leaf Lima Bean. I am very much pleased to have grown such a vine on this poor Virginia land, and congratulate you upon being able to introduce such a valuable novelty as the WILLOW LEAF LIMA BEAN. It is very ornamental, wonderfully productive, and the finest quality of Lima Bean; a few vines will supply a family through an entire season.

FOR 30 CTS. (three dimes or fifteen two-cent stamps) we will mail one packet each of the WILLOW LEAF LIMA BEAN, and of BURPEE'S BUSH LIMA BEAN, "the most remarkable of all new vegetables." Then we will also give FREE for trial to the purchaser, if so requested, one sample packet of either the New Black Lima or New Main-Crop Cabbage No. 28.

FOR 75 CTS. we will mail two packets of the WILLOW LEAF LIMA, and three packets of BURPEE'S BUSH LIMA, together with both sample packets of the New Black Lima and the New Main-Crop Cabbage No. 28. The purchaser of this set beside securing the most valuable novelties of the season is also entitled to enter into competition for the cash prizes offered, as per our Catalogue, aggregating \$1,205.00.

W. ATLEE BURPEE & Co., PHILADELPHIA, PA.

FORDHOOK IN AUTUMN.

A VISIT TO BURPEE'S SEED FARM.

The Kennels of Famous Collies.—In the Poultry Yards.—How Seeds are Tested.—They Must be Pure and have Vitality.

"**FORDHOOK**," the seed and trial farm of W. Atlee Burpee & Co., one of the largest seed houses in America, is the most beautiful place around Doylestown in the beginning of autumn. The many farmers who visited the place in September, 1890, upon the invitation of the proprietor, will readily recall the delightful day spent among the flower beds and growing vegetables. This year, owing to an unprecedented volume of business, it was not convenient to give the farmers a day to visit the farm and the custom had to be passed over. By invitation a DEMOCRAT reporter took a walk over the farm, last week, with the efficient and obliging foreman, Howard M. Earl, and what he saw may interest our readers and compensate them, in a small measure, for what they missed by a personal inspection of the seed tests.

The house of Burpee & Co. deals uprightly and honestly with its customers, and will put no seeds upon the market until their trained specialists in the business are satisfied of their vitality and merit. The vitality of seeds is tested in a large greenhouse by the percentage system, and everything not good is thrown out. These tests are made under ordinary circumstances, with no forcing by heat. Hardy seeds are tested in beds in the open air south of the greenhouse.

TESTING THE SEEDS.

Seeds and plants are also tested for their purity and merit. The trial grounds for this test comprise about five acres, and this year tests were made of more than 3,500 different samples. Each sample is planted in a row about ten feet long and distinctly marked with a small white stake, numbered and lettered in black. The corresponding number is also entered upon the books, and the growth and characteristics of the plant at all stages of its life are carefully and faithfully noted opposite its proper number in the books.

"You see bushels and bushels of vegetables here 'going to waste,' as you would term it," said Mr. Earl. "It is necessary, however, to leave the plants and their fruit stand until it is unfit for use, because at any minute we may receive an order from the general store for a record of a plant which we may be required to refer to."

Burpee & Co. not only test their own seeds, but submit seeds of other houses, for which especial merit is claimed, to fair but rigid tests. They are thus able to demonstrate whether there is anything in the new varieties as they come up, and in what respect their own products are superior to those of other houses. Many specimens tested for four or five years lose their color, or their quality, or go to pieces in other ways, and these are, of course, at once condemned.

As an instance, the experimental tests at Fordhook have demonstrated that tree tomatoes are frauds. They took some of their own varieties of tomatoes, and by training them to a pole and cutting them back, they grew upright to a height of three to five feet, while near by was a so-called tree tomato of another firm, the vine sprawling upon the ground, never having had stamina enough to stand a day after they were a month or two old.

SOME OF BURPEE'S SPECIALTIES.

A large part of the farm is devoted to raising seed of Burpee's specialties for the firm's growers. The famous Burpee bush Lima bean is grown in large quantities, and is the largest and most prolific bush bean ever originated. Among the 300 different varieties of beans, some being tested and others grown for seed, was the willow-leaved pole Lima, largely grown in the South, a great curiosity and a most prolific bearer. The beautiful little fancy wrinkled peppers and the black Nubinn peppers were interesting vegetable varieties, and left a reminder upon the palate of the reporter several hours after he quit the farm.

Two acres are planted with Barr's mammoth asparagus. There was field corn ripe for the sickle, heavy eared and stout in stalk. The reporter espied one stalk containing four well matured ears. One of Burpee & Co.'s specialties is the White Pearl Cucumber, a pure white variety, thin-skinned, very prolific and of fine flavor, there being an absence of the bitter "green taste" of other cucumbers. To their well-known varieties of tomatoes, the firm has recently added a French variety, the Chemin, which possesses considerable merit, its great depth and absence of wrinkles and knots being points in its favor. Space forbids us going farther into particulars in this interesting branch of the business.

ACRES OF FLOWERS.

A few of Burpee & Co.'s flower seeds demand more than a passing notice. First and foremost are the Burpee's Defiance "Balsams," presenting a beautiful sight in full bloom, three of which attracted especial attention for their beauty—the rose, white spotted, a lovely shade

of rose, with delicate white spots, and as perfectly doubled as a Camellia; the scarlet, white spotted, a variety in which the color is more glowing and the beautiful double flowers somewhat larger; the rich, deep-colored Royal Purple. A specialist from Europe who saw these balsams growing on the Fordhook farm this summer pronounced them the finest he ever saw. The seed is all picked by hand, and the flowers have been brought to such perfection by cultivation that the seed is scarce and highly valuable. The great rows of the Giant Spider Flower standing upright like a hedge, made an interesting sight. The portion of the field devoted to Burpee's Fairy Blush Poppy, during the month of September, resembled an immense snow bank. A novelty in carnations is the Marguerite, which blooms four months from the time the seed is planted.

HOW SEEDS ARE CLEANED.

Passing from the many new varieties of sweet peas, pansies and other garden flowers, which really deserve special notice for their merit, we next were permitted to inspect the process of harvesting seeds. After picking, the seed pods are taken to the seed room, where they are passed through the thresher, consisting of a hopper and a corrugated wooden roller working on a sieve. The seeds are then carefully marked and dried in the sun, when they are cleaned of all foreign substances. Adjoining the seed room is the tool house, where every employe's tools are numbered. Each man has his own hoe, fork, etc., which he must use and keep clean. The wash house is an interesting place to visit. Here tomato, pepper and like seeds are separated from the pulp. Only smooth fruit goes into the crusher, being carefully sorted before using. The mass which comes from the crusher is allowed to ferment in barrels for two days, is then put into the washer and run through two sets of sieves, and, after drying, is ready for replanting.

AT THE COLLIE KENNELS.

The most interesting place to visit on Fordhook farm is the Scotch Collie kennels. The Collie has come into prominence in this country of recent years as a dog noted for its intelligence, great activity and wonderful endurance. W. Atlee Burpee & Co. are one of the best known breeding firms of this famous dog. The kennel yards are filled in with a soft sand rock found on the premises, which answers admirably the purpose. There are upper and lower sleeping berths, which are filled with fresh hay every morning, and the kennels thoroughly cleaned. "Whirlpool," one of the famous collies, is named because of her habit of running around in a circle in a beaten track in her kennel yard. Singular as it may seem, none of her progeny inherit this peculiarity. "Clifton Chief," imported in 1889, is finely marked and a great herder. "Sable Beauty" is rightly named. Her long coat is of a beautiful sable color. Of course the famous "Fordhook Squire," son of the champion "Squire," and the most celebrated dog at the kennels, was shown. Among the other more prominent dogs are "Fordhook Frisk," "Daisy Dean" and "Bobbie," the latter being Mr. Burpee's own dog and was imported in 1884. The firm has found it difficult to breed these dogs fast enough for the demand. As soon as the pups are two or three days old, the markings are sent to the Philadelphia office, and they are sold for fancy prices generally the day the markings are received.

THE FANCY POULTRY.

Hardly less widely known than the Fordhook collies are the strains of poultry from this farm. There are twenty-two yards at the present time. . . . The birds that have attracted the most attention are the Fordhook Indian games, imported at immense expense. These fowls have created such a furor in the poultry world that Burpee & Co. have not been able to keep pace with the demand for eggs. At times when eggs were scarce twenty-four dollars a dozen was offered, and ordinarily the eggs command 70 cents apiece. The Indian game is a very fine bird in many respects, and we were shown one cock which weighed ten pounds two weeks after being imported. The Partridge Cochins on this farm are noted for their great beauty and laying qualities. Burpee & Co. have been working several years with the Sherwoods, a new pure white variety, obtained by crossing the White Georgia Game with Light Brahmans. They are said to be great layers, and have the strength and beauty of the game combined with the heavy bodies of the Brahma. The other varieties bred here at present are the White Plymouth Rock, Black Minorcas, Light Brahmans, Buff Cochins, Bantams, Black Breasted Red Game, Houdans, Derbyshire Red Caps, the great English layers, and a beautiful breed it is; white-crested Black Polish and Plymouth Rocks.

Near the poultry houses is the incubation house. Pineland new model incubators and brooders are used. They are simple in design, easily managed and are automatically heated by lamps, by which the eggs are kept at uniform temperature. There is also an out-of-door brooder. The live stock on Fordhook, together with the incubators is in charge of Frank Atler.

The neat condition of the kennels and poultry houses, which are thoroughly cleaned every day, attest his vigilance and industry. In fact, the work of the whole farm is done in the systematic manner which characterizes all the branches of W. Atlee Burpee & Co.'s extensive business.—From THE DAILY DEMOCRAT, Doylestown, Pa., October 5th, 1891.

FIVE CABBAGES OF OUR OWN INTRODUCTION.

**BURPEE'S SUREHEAD,
ACME FLAT DUTCH,
SHORT-STEM DRUMHEAD,**

Each at 10c. per pkt.;
3 pkts. for 25 cts.; or
15 pkts. \$1.00, by mail.

**BURPEE'S ALL-HEAD EARLY,
BURPEE'S WORLD BEATER.**

Each of the above at 15 cts. per pkt.;
3 pkts. 25 cts.; 10 pkts. \$1.00, by mail.

The five Cabbages named above and fully described in our FARM ANNUAL FOR 1892 are the best of their class,—SURE TO HEAD, hard and solid, with a uniformity to satisfy the most critical gardeners. Being of our own introduction, we naturally desire to have them widely known throughout the country, and therefore, in order to induce our friends to persuade their neighbors to use these Cabbages, we make the

\$250.00 IN CASH PRIZES FOR CLUB ORDERS

to be awarded as follows:—To the customer who will get up the largest club for packets of these five varieties of Cabbage, between the first of January and the first of June, 1892, we will pay \$100.00 CASH; for the second largest club we will pay \$50.00 CASH, and for the next ten largest clubs \$10.00 Cash, to each club raiser.

Orders for packets can be assorted as desired among these five varieties, at the prices named above, and can be sent in at any time during the season. All who intend to compete for these prizes should so state on their orders, so that we can retain an accurate record of the number of packets purchased. Each competitor should also, in order to prevent any mistakes, retain a memorandum of the date of his orders and the number of packets purchased at each order, so that he can write us on the first of June, 1892, giving this data, which will then be verified by our books. As soon as the totals are footed up, early in June, 1892, our checks will be mailed to the successful club raisers. We would here state that it is quite likely that the first and second prizes will be paid for clubs in which the total value of the packets purchased will scarcely equal the amount of the prize. We know, however, that BURPEE'S CABBAGE SEED is the BEST it is possible to produce, and we are anxious that these varieties should become known as the standard for uniformity of sure-heading and hard-heading Cabbages.

FREE FOR TRIAL. Our customers will notice by the yellow inset in BURPEE'S FARM ANNUAL, facing page 49, that we have a distinct new winter Cabbage, now known as MAIN-CROP CABBAGE No. 28, which we give free for trial to purchasers of Burpee's Surehead and Short-stem Drum-head Cabbages. Those who get up clubs can also have extra packets of this new No. 28 Cabbage for the club members who purchase the two varieties named,—if so requested with the order.

W. ATLEE BURPEE & CO., PHILADELPHIA, PA.

